

IN THE CLAIMS

1. (Currently Amended) Laminate comprising a skin plate made from steel and a shaped layer, ~~which~~

wherein the skin plate has an outwardly facing side and a side which faces towards the shaped layer, and ~~which~~

wherein the shaped layer has a side facing towards the skin plate and an outwardly facing side, ~~in which~~

wherein the shaped layer ~~is~~ substantially ~~consists of~~ a shaped steel plate, ~~which~~

wherein the shaped layer is joined to the skin plate and forms passages and/or cavities together with the skin plate, ~~which the~~ passages and/or cavities are optionally connected to one another, and ~~in which~~

wherein a polymer material creates ~~the~~ bonding between the skin plate and the shaped layer for the joining of the shaped layer to the skin plate.

2. (Currently Amended) Laminate according to Claim 1, ~~in which that~~ wherein the side of the skin plate which faces towards the shaped layer and/or ~~that the~~ side of the shaped layer which faces towards the skin plate is/are provided with a layer of the polymer material.

3. (Currently Amended) Laminate according to Claim 1 ~~or 2, in which~~ wherein the outwardly facing side of the skin plate and the outwardly facing side of the shaped layer are provided with a layer of polymer material.

4. (Currently Amended) Laminate according to ~~one of the preceding claims, in~~ which Claim 1, wherein a second skin plate is joined to the shaped layer ~~in order to form a~~ sandwich material.

5. (Currently Amended) Laminate according to Claim 4, ~~in which~~ wherein the shaped layer ~~likewise~~ forms passages and/or cavities with the second skin plate, which passages and/or cavities are optionally connected to one another.
6. (Currently Amended) Laminate according to Claim 4 ~~or 5~~, ~~in which~~ wherein both sides of the steel shaped layer and/or the inwardly facing sides of the skin plates are provided with a layer of polymer material.
7. (Currently Amended) Laminate according to ~~one of Claims 4, 5 or 6~~, ~~in which~~ Claim 4, wherein the outwardly facing sides of the skin plates are each provided with a layer of polymer material.
8. (Currently Amended) Laminate according to ~~one of the preceding claims, in which Claim 1, wherein~~ the skin plate ~~is or skin plates are~~ between 0.05 and 0.6 mm thick, ~~preferably between 0.05 and 0.3 mm thick.~~
9. (Currently Amended) Laminate according to ~~one of the preceding claims, in which Claim 1, wherein~~ the material of the shaped layer is between 0.05 and 0.6 mm thick.
10. (Currently Amended) Laminate according to ~~one of the preceding claims, in which Claim 1, wherein~~ the layer of polymer material on the steel skin plate ~~or plates~~ and/or the steel shaped layer is between 0.015 mm and 0.7 mm thick, ~~preferably between 0.03 mm and 0.2 mm thick.~~
11. (Currently Amended) Laminate according to ~~one of the preceding claims, in which Claim 1, wherein~~ the polymer material ~~substantially~~ comprises polypropylene (PP) or polyethylene terephthalate (PET).

12. (Currently Amended) Laminate according to ~~one of the preceding claims~~, in which Claim 1, wherein passages in the laminate are designed ~~in such a manner that they can be~~ for being used as one or more lines for transporting a fluid.

13. (Currently Amended) Laminate according to ~~one of the preceding claims~~, in which Claim 1, wherein passages and/or cavities in the laminate are filled with an energy-absorbing material.

14. (Currently Amended) Laminate according to ~~one of the preceding claims~~, in which Claim 1, wherein cavities in the laminate are closed and ~~are under~~ have a pressure which is lower than atmospheric pressure.

15. (Currently Amended) Laminate according to ~~one of the preceding claims~~, in which Claim 1, wherein the laminate is between 1 mm and 100 mm thick, ~~preferably between 2 mm and 40 mm thick.~~

16. (Currently Amended) Method for producing the laminate ~~as described in one of the preceding claims, characterized in that the~~ of Claim 1, comprising:

bringing said skin plate ~~or plates~~ and the shaped layer ~~are brought~~ into contact with one another, ~~wherein the shaped layer is substantially the shaped steel plate, and in that~~

producing the bonding between the skin plate ~~or plates~~ and the shaped layer ~~is produced~~ by heating the polymer material.

17. (Currently Amended) Method according to ~~claim 16, in which~~ Claim 16, wherein the heating is carried out with the aid of induction heating or with the aid of radiant heat.

18. (Currently Amended) Method according to ~~claim 16 or 17, in which~~ Claim 16, wherein the laminate is produced substantially continuously.

19. (Currently Amended) Method according to ~~claim 18, in which~~ Claim 18, wherein the steel shaped layer is shaped substantially continuously before being brought into contact with and bonded to the skin plate ~~or plates~~.

20. (New) Laminate according to Claim 2, wherein the outwardly facing side of the skin plate and the outwardly facing side of the shaped layer are provided with a layer of polymer material.

21. (New) Laminate according to Claim 1, wherein the skin plate is between 0.05 and 0.3 mm thick.

22. (New) Laminate according to Claim 4, wherein the skin plates are between 0.05 and 0.6 mm thick.

23. (New) Laminate according to Claim 4, wherein the skin plates are between 0.05 and 0.3 mm thick.

24. (New) Laminate according to Claim 1, wherein the layer of polymer material on the steel skin plate and/or the shaped layer is between 0.03 mm and 0.2 mm thick.

25. (New) Laminate according to Claim 4, wherein the layer of polymer material on the steel skin plates and/or the shaped layer is between 0.015 mm and 0.7 mm thick.

26. (New) Laminate according to Claim 4, wherein the layer of polymer material on the steel skin plates and/or the shaped layer is between 0.03 mm and 0.2 mm thick.

27. (New) Laminate according to Claim 1, wherein the laminate is between 2 mm and 40 mm thick.

28. (New) Laminate according to Claim 4, wherein the laminate is between 1 mm and 100 mm thick.

29. (New) Laminate according to Claim 4, wherein the laminate is between 2 mm and 40 mm thick.

30. (New) Method according to Claim 16, further comprising joining a second skin plate made from steel to the shaped layer to form a sandwich material by bringing the shaped layer into contact with the second skin plate, and bonding the second skin plate and the shaped layer by heating polymer material between the second skin plate and the shaped layer.

31. (New) Method according to Claim 18, wherein the shaped layer is shaped substantially continuously before being brought into contact with and bonded to the skin plates.